

Oxygen (Medical)

Oxygen is medically used in breathing apparatus, transmitting oxygen to patients efficiently.

Description

Formula: O_2

Gas Data

Molecular Weight: 32.00

Density: 1.326 kg/m³ @ 21.1°C, 101.325 kPa
0.08279 lb/ft³ @ 70°F, 14.696 psia

Specific Volume: 0.7541 m³/kg @ 21.1°C, 101.325 kPa
12.08 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 7782-44-7

UN Number: UN 1072

ECCN Number: EAR99

DOT Proper Shipping Name: Oxygen, Compressed

DOT Classification: 2.2 (Nonflammable Gas)

DOT Label: NON-FLAMMABLE GAS, OXIDIZER

TC Shipping Name: Oxygen, Compressed

TC Classification: 2.2, 5.1

TC Label: NON-FLAMMABLE GAS,
NON-POISONOUS GAS, OXIDIZER

Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	Pounds	Liters	
T	25 lbs 6 oz	8,552	540
H	20 lbs 11 oz	7,051	540
G	18 lbs 14 oz	6,400	540
M	10 lbs 5 oz	3,511	540
E	1 lbs 15 oz	643	870
D	1 lb 3 oz	387	870

Our packaging of gases includes a complete range of cylinder sizes, cylinder cradles (6 and 12 packs), tube trailers, microbulk and bulk.

We can handle virtually any size requirement, from a customer using 1 or 2 cylinders per year, to customers using millions of cubic feet of product monthly.